

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 2089CON2 (203-2413 CON2)	SERIAL NO. 09/992,301
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANTS Thomas Patrick Ryan	
		FILING DATE November 14, 2001	GROUP ART UNIT 3761

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
61		RE 36,795	7/25/00	Rydell			
		5,007,908	4/16/91	Rydell			
		5,197,964	3/30/93	Parins			
		5,250,047	10/5/93	Rydell			
		5,258,006	11/2/93	Rydell, et al.			
		5,282,799	2/1/94	Rydell			
		5,290,286	3/1/94	Parins			
		5,342,359	8/30/94	Rydell			
		5,342,381	8/30/94	Tidemand			
		5,356,408	10/18/94	Rydell			
		5,445,638	8/29/95	Rydell, et al.			

FOREIGN PATENT DOCUMENTS

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							YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <i>Dawson</i>	DATE CONSIDERED <i>7.11.04</i>
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		5,603,711	2/18/97	Parins, et al.			
		5,743,906	4/28/98	Parins, et al.			
		5,891,141	4/6/99	Rydell			
		5,902,301	5/11/99	Olig			
		5,908,420	7/1/99	Parins, et al.			
		6,110,171	8/29/00	Rydell			
		6,190,386	2/20/01	Rydell			

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U.S. PATENT DOCUMENTS						
5,853,412	12/29/98	MAYENBERGER				
5,336,221	8/9/94	ANDERSON				
6,458,130	10/1/02	FRAZIER ET AL.				
6,511,480	1/28/03	TETZLAFF ET AL.				

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
✓		WO 99/40857	8/19/99	PCT			

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U.S. PATENT DOCUMENTS

67		Des276,790	12/18/84	LASKE			
		Des424,694	5/9/00	TETZLAFF ET AL.			
		Des425,201	5/16/00	TETZLAFF ET AL.			
		D449,886	10/30/01	TETZLAFF ET AL.			
		D457,958	5/28/02	DYCUS ET AL.			

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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
67		EP1082944A1	3/14/01	EPO				
		EP1080694A1	3/7/01	EPO				
		EP1055400A1	11/29/00	EPO				
		EP1055399A1	11/29/00	EPO				
		EP1053720A1	11/22/00	EPO				
		EP1053719A1	11/22/00	EPO				
		EP1050278A1	11/8/00	EPO				
		EP1034746A3	10/18/00	EPO				
		EP1025807A3	10/4/00	EPO				
		EP1034748A1	9/13/00	EPO				
		EP1034747A1	9/13/00	EPO				
		EP0923907A1	6/23/99	EPO				
		EP0887046A3	1/13/99	EPO				
		EP0754437A3	3/19/97	EPO				
		EP0717966A1	6/26/96	EPO				
		EP0694290A3	3/13/96	EPO				
		EP0650701A1	5/3/95	EPO				
		EP0623316A1	11/9/94	EPO				
		EP0364216A1	4/18/90	EPO				
		EP0 541 930 B1	5/19/93	EPO				

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						Yes	No
6/1	JP5-40112	not avail.	Japan				
	JP2001128990A2	5/15/01	Japan				
	JP2001029356A2	2/6/01	Japan				
	JP2001008944A2	1/16/01	Japan				
	JP2000350732A2	12/19/00	Japan				
	JP2000342599A2	12/12/00	Japan				
	JP11244298A2	9/14/99	Japan				
	JP09010223A2	1/14/97	Japan				
	JP08252263A2	10/1/96	Japan				
	JP08056955A2	3/5/96	Japan				
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	JP06343644A2	12/20/94	Japan				
	SU401367		Russia				
	WO 95/02369	1/26/95	PCT				
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	WO 97/00647	1/9/97	PCT				
	WO 97/24073	7/10/97	PCT				
	WO 97/24993	7/17/97	PCT				
	WO 98/27880	7/2/98	PCT				
	WO 99/03407	1/28/99	PCT				
	WO 99/03408	1/28/99	PCT				
	WO 99/03409	1/28/99	PCT				
	WO 99/51158	10/14/99	PCT				
	WO 00/24330	5/4/00	PCT				
	WO 00/41638	7/20/00	PCT				
	WO 00/53112	9/14/00	PCT				
	2,214,430A	6/9/89	GB				

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67	Kennedy et al. "High-burst-strength, feedback-controlled bipolar vessel sealing"
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	Peterson et al. "Comparison of Healing Process Following Ligation with Sutures and Bipolar Vessel Sealing"
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	Section of HPB Surger, Washington University School of Medicine, St. Louis MO, Presented at AHPBA, February 2001
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	Heniford et al. "Initial Results with an Electrothermal Bipolar Vessel Sealer"
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	Heniford et al. "Initial Research and Clinical Results with an Electrothermal Bipolar Vessel Sealer"
	10/99
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	Levy et al. "Use of a New Energy-based Vessel Ligation Device During Vaginal Hysterectomy"
	INT'L FEDERATION OF GYNECOLOGY AND OBSTETRICS (FIGO) WORLD CONGRESS
	Crawford et al. "Use of the LigaSure Vessel Sealing System in Urologic Cancer Surger"
	GRAND ROUNDS IN UROLOGY 1999 Vol. 1 Issue 4 pp.10-17
	Rothenberg et al. "Use of the LigaSure Vessel Sealing System in Minimally Invasive Surgery in Children"
	INT'L PEDIATRIC ENDOSURGERY GROUP (IPEG) 2000
	Palazzo et al. "Randomized clinical trial of Ligasure versus open haemorrhoidectomy"
	BRITISH JOURNAL OF SURGERY 2002, 89, 154-157
	Int'l Search Report PCT/US01/11218
	Int'l Search Report PCT/US99/24869

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
✓	on	WO 01/54604 A1	8/2/01	PCT				
✓		WO 02/080796 A1	10/17/02	PCT				
✓		DE 19608716	4/17/97	DE				
✓		EP 0572131 A1	12/1/93	EP				
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OTHER DOCUMENTS

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OFFICE OF PETITIONS

✓ (en) "Innovations in Electrosurgery"

Sales/Product Literature

✓ LigaSure Vessel Sealing System, the Seal of Confidence in General, Gynecologic, Urologic, and Laparoscopic Surgery

Sales/Product Literature

✓ Carbonell et al., "Comparison of the Gyrus PlasmaKinetic Sealer and the Valleylab LigaSure Device in the Hemostasis of Small, Medium, and Large-Sized Arteries"

✓ Carolinas Laparoscopic and Advanced Surgery Program, Carolinas Medical Center, Charlotte, NC

✓ "Reducing Needlestick Injuries in the Operating Room"

Sales/Product Literature

✓ Chung et al., "Clinical Experience of Sutureless Closed Hemorrhoidectomy with LigaSure"

Diseases of the Colon & Rectum Vol. 46, No. 1 January 2003

✓ Strasberg et al., "Use of a Bipolar Vessel-Sealing Device for Parenchymal Transection During Liver Surgery"

Journal of Gastrointestinal Surgery, Vol. 6, No. 4, July/August 2002 pp.569-574

✓ Paul G. Horgan, "A Novel Technique for Parenchymal Division During Hepatectomy"

The American Journal of Surgery, Vol. 181, No. 3, April 2001 pp. 236-237

✓ W. Scott Helton, "LigaSure Vessel Sealing System: Revolutionary Hemostasis Product for General Surgery"

Sales/Product Literature

✓ Michael Choti, "Abdominoperineal Resection with the LigaSure Vessel Sealing System and LigaSure Atlas 20 cm Open Instrument"

Innovations That Work, June 2003

✓ Craig Johnson, "Use of the LigaSure Vessel Sealing System in Bloodless Hemorrhoidectomy"

Innovations That Work, March 2000

✓ Muller et al., "Extended Left Hemicolectomy Using the LigaSure Vessel Sealing System"

Innovations That Work, September 1999

✓ Herman et al., "Laparoscopic Intestinal Resection With the LigaSure Vessel Sealing System: A Case Report"

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✓ Carus et al., "Initial Experience With The LigaSure Vessel Sealing System in Abdominal Surgery"

Innovations That Work, June 2002

✓ Levy et al. "Randomized Trial of Suture Versus Electrosurgical Bipolar Vessel Sealing in Vaginal Hysterectomy"

Obstetrics & Gynecology, Vol. 102, No. 1, July 2003

✓ Levy et al., "Update on Hysterectomy - New Technologies and Techniques"

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✓ Barbara Levy, "Use of a New Vessel Ligation Device During Vaginal Hysterectomy"

FIGO 2000, Washington, D.C.

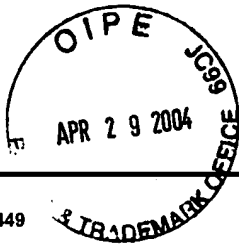
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✓ 601 McLellan et al. "Vessel Sealing For Hemostasis During Gynecologic Surgery"

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✓ Sengupta et al., "Use of a Computer-Controlled Bipolar Diathermy System in Radical Prostatectomies and Other Open Urological Surgery"

ANZ Journal of Surgery (2001) 71.9 pp. 538-540

✓ Olsson et al. "Radical Cystectomy in Females"

Current Surgical Techniques in Urology, Vol. 14, Issue 3

✓ E. David Crawford "Use of a Novel Vessel Sealing Technology in Management of the Dorsal Venous Complex"

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✓ Jarrett et al., "Use of the LigaSure Vessel Sealing System for Peri-Hilar Vessels in Laparoscopic Nephrectomy"

Sales Product Literature

✓ E. David Crawford "Evaluation of a New Vessel Sealing Device in Urologic Cancer Surgery"

Sales Product Literature

✓ Joseph Ortenberg "LigaSure System Used in Laparoscopic 1st and 2nd Stage Orchiopexy"

Innovations That Work, November 2002

✓ Koyle et al., "Laparoscopic Palomo Varicocele Ligation in Children and Adolescents"

Pediatric Endosurgery & Innovative Techniques, Vol. 6, No. 1, 2002

✓ Dulemba et al. "Use of a Bipolar Electrothermal Vessel Sealer in Laparoscopically Assisted Vaginal Hysterectomy"

Sales Product Literature

✓ Johnson et al. "Evaluation of a Bipolar electrothermal Vessel Sealing Device in Hemorrhoidectomy"

Sales Product Literature

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		5,197,964	3/30/93	Parins			
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Art Unit 3761

U.S. PATENT DOCUMENT

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
en	5 2 1 5 1 0 1	06/01/1993	Jacobs, et al.			
	5 3 1 8 5 8 9	06/07/1994	Lichtman			
	5 4 4 3 4 8 0	08/22/1995	Jacobs, et al.			
	5 7 0 7 3 6 9	01/13/1998	Vaitekunas, et al.			
	5 7 6 6 1 7 0	06/16/1998	Eggers			
	5 8 0 0 4 4 9	09/01/1998	Wales			
	5 8 1 0 8 0 8	09/22/1998	Eggers			
	5 8 2 7 2 7 9	10/27/1998	Hughett, et al.			
	5 9 1 3 8 7 4	06/22/1999	Berns, et al.			
	5 9 2 1 9 8 4	07/13/1999	Sutcu, et al.			

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						YES	NO
en	5 1 8 2 3 0	12/16/1992	EPO				
en	2 1 0 4 4 2 3	02/25/1994	Canada				

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<i>Rev</i>	5 9 3 5 1 2 6	08/10/1999	Riza			
	5 9 5 4 7 2 0	09/21/1999	Wilson, et al.			
	6 0 0 4 3 3 5	12/21/1999	Vaitekunas, et al.			
	6 0 3 9 7 3 3	03/21/2000	Buysse, et al.			
	6 0 5 3 9 1 4	04/25/2000	Eggers, et al.			
	6 0 8 3 2 2 3	07/04/2000	Baker			
	6 0 8 6 5 8 6	07/11/2000	Hooven			
	6 0 9 9 5 5 0	08/08/2000	Yoon			
	6 1 1 3 5 9 6	09/05/2000	Hooven, et al.			

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en	6 1 1 3 5 9 8	09/05/2000	Baker			
	6 1 2 6 6 5 8	10/03/2000	Baker			
	6 1 5 2 9 2 3	11/28/2000	Ryan			
	6 1 7 4 3 0 9	01/16/2001	Wrublewski, et al.			
	6 1 8 7 0 0 3	02/13/2001	Buysse, et al.			
	6 2 0 6 8 7 7	03/27/2001	Kese, et al.			

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number (Optional) 203-2413 (2089)	Application Number 08/925,805
Applicant Thomas Patrick Ryan		
Filing Date 9-Sep-97		Group Art Number 3731

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
64	AA 7 2 8 8 8 3	5/26/1903	DOWNES			
	AB 1 5 8 6 6 4 5	6/1/26	BIERMAN			
	AC 2 0 0 2 5 9 4	5/28/35	WAPPLER ET AL.			
	AD 2 1 7 6 4 7 9	10/17/39	WILLIS			
	AE 3 6 5 1 8 1 1	3/28/72	HILDEBRANDT ET AL.			
	AF 3 9 3 8 5 2 7	2/17/76	RIoux ET AL.			
	AG 3 9 5 2 7 4 9	4/27/76	FRIDOLPH ET AL.			
	AH 4 3 7 0 9 8 0	2/1/83	LOTTICK			
	AI 4 5 5 2 1 4 3	11/12/85	LOTTICK			
	AJ 4 6 7 1 2 7 4	6/9/87	SOROCHENKO			
	AK 5 2 5 0 0 4 7	10/5/93	RYDELL			
	AL 5 2 7 5 6 1 5	1/4/94	ROSE			
	AM 5 3 0 4 2 0 3	4/19/94	EL-MALLAWANY ET AL.			
	AN 5 3 4 2 3 5 9	8/30/94	RYDELL			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
AO							
AP							
AQ							
AR							
AS							

OTHER DOCUMENTS

Examiner <i>Davis</i>	Date Considered 7.11.04
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Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)
203-2413 (2089)

Application Number
08/925,805

Applicant
Thomas Patrick Ryan

Filing Date
9-Sep-97

Group Art Number
3731

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
QA	AA 5 3 5 6 4 0 8	10/18/94	RYDELL			
	AB 5 4 4 3 4 6 4	8/22/95	RUSSELL ET AL.			
	AC 5 4 4 5 6 5 8	8/29/95	DURRFELD ET AL.			
	AD 5 4 6 2 5 4 6	10/31/95	RYDELL			
	AE 5 4 7 2 4 4 3	12/5/95	CORDIS ET AL.			
	AF 5 4 8 4 4 3 6	1/16/96	EGGERS ET AL.			
	AG 5 6 2 6 5 7 8	5/6/97	TIHON			
	AH 5 6 9 3 0 5 1	12/2/97	SCHULZE ET AL.			
	AI 5 7 0 0 2 6 1	12/23/97	BRINKERHOFF			
	AJ 5 7 7 6 1 3 0	7/7/98	BUYSSE ET AL.			
	AK 5 8 2 7 2 8 1	10/27/98	LEVIN			

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No
AL SU 401367		SHAMRAEVSKII				
AM						

OTHER DOCUMENTS

AN	International Search Report - PCT/US98/18640
AO	International Search Report - PCT/US98/23950
AP	SIGEL ET AL., "THE MECHANISM OF BLOOD VESSEL CLOSURE BY HIGH FREQUENCY ELECTROCOAGULATION", SURGERY GYNECOLOGY & OBSTETRICS, OCT 1963 pp. 823-831
AQ	BERGDAHL ET AL. "STUDIES ON COAGULATION AND THE DEVELOPMENT OF AN AUTOMATIC COMPUTERIZED BIPOLAR COAGULATOR", J. NEUROSURG, VOL. 75, JULY 1991, pp. 148-151

Examiner

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Date Considered

7.11.04

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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 203-2413 (2089)	SERIAL NO. 08/925,805
APPLICANT Thomas Patrick Ryan		GROUP Art Unit 3731
FILING DATE September 9, 1997		

U.S. PATENT DOCUMENT

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
un	3 7 1 6 6 4	10/18/1887	Brannan et al.			
	7 0 2 4 7 2	06/17/1902	Pignolet			
	3 9 2 0 0 2 1	11/18/75	Hiltebrandt			
	4 0 0 5 7 1 4	02/01/77	Hiltebrandt			
	4 5 9 7 3 7 9	07/01/86	Kihn et al.			
	4 6 8 5 4 5 9	08/11/87	Koch et al.			
	4 8 8 7 6 1 2	12/19/89	Esser et al.			
	4 9 3 8 7 6 1	07/03/90	Ensslin			
	5 0 2 6 3 7 0	06/25/91	Lottick			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER Dawson	DATE CONSIDERED 7.1.04
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PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 203-2413 (2089)	SERIAL NO. 08/925,805
	APPLICANT Thomas Patrick Ryan	
	FILING DATE September 9, 1997	GROUP 3731 Art Unit

U.S. PATENT DOCUMENT

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
01	5 1 1 6 3 3 2	05/26/92	Lottick			
	5 1 5 1 1 0 2	09/29/92	Kamiyama et al.			
	5 2 1 7 4 5 8	06/08/93	Parins			
	5 2 5 8 0 0 6	11/02/93	Rydell et al.			
	5 2 7 7 2 0 1	01/11/94	Stern			
	5 3 2 4 2 8 9	06/28/94	Eggers			
	5 3 3 0 4 7 1	07/19/94	Eggers			
	5 3 5 2 2 2 2	10/04/94	Rydell			
	5 3 8 9 1 0 4	02/14/95	Hahnen et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

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AMINER Dagen	DATE CONSIDERED 7/11/04
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Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 203-2413 (2089)	SERIAL NO. 08/925,805
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			
		APPLICANT Thomas Patrick Ryan	
		FILING DATE September 9, 1997	GROUP Art Unit 3731

U.S. PATENT DOCUMENT

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AM	5 3 9 1 1 6 6	02/21/95	Eggers			
	5 4 0 3 3 1 2	04/04/95	Yates et al.			
	5 4 3 1 6 7 4	07/11/95	Basile et al.			
	5 4 4 3 4 6 3	08/22/95	Stern et al.			
	5 4 5 6 6 8 4	10/10/95	Schmidt et al.			
	5 4 7 8 3 5 1	12/26/95	Meade et al.			
	5 5 0 9 9 2 2	04/23/96	Aranyi et al.			
	5 5 2 7 3 1 3	06/18/96	Scott et al.			
	5 5 3 1 7 4 4	07/02/96	Nardella et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

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DATE CONSIDERED

7.11.01

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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
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ATTY. DOCKET NO.

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203-2413 (2089)

08/925,805

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Thomas Patrick Ryan

FILING DATE

September 9, 1997

GROUP

Art Unit 3731

U.S. PATENT DOCUMENT

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
6/1	5 5 4 0 6 8 4	07/30/96	Hassler, Jr.			
	5 5 5 8 6 7 2	09/24/96	Edwards et al.			
	5 5 6 9 2 4 1	10/29/96	Edwards			
	5 5 7 3 5 3 5	11/12/96	Viklund			
	5 6 3 7 1 1 0	06/10/97	Pennybacker et al.			
	5 6 5 8 2 8 1	08/19/97	Heard			
	5 6 6 7 5 2 6	09/16/97	Levin			
	5 6 7 4 2 2 0	10/07/97	Fox et al.			
	5 7 0 2 3 9 0	12/30/97	Austin et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Dawn

DATE CONSIDERED

7.11.04

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PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 203-2413 (2089)	SERIAL NO. 08/925,805
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			
		APPLICANT Thomas Patrick Ryan	
		FILING DATE September 9, 1997	GROUP Art Unit 3731

U.S. PATENT DOCUMENT

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
104	5 7 6 6 1 6 6	06/16/98	Hooven			
1	5 7 6 9 8 4 9	06/23/98	Eggers			
1	5 7 7 6 1 2 8	07/07/98	Eggers			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER Dawson	DATE CONSIDERED 7.11.04
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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

203-2413 (2089)

SERIAL NO.

08/925,805

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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APPLICANT

Thomas Patrick Ryan

FILING DATE

September 9, 1997

GROUP

Art Unit

U.S. PATENT DOCUMENT

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
len	3 7 1 6 6 4	10/18/1887	Brannan et al.			
	7 0 2 4 7 2	06/17/1902	Pignolet			
	3 9 2 0 0 2 1	11/18/75	Hiltebrandt			
	4 0 0 5 7 1 4	02/01/77	Hiltebrandt			
	4 5 9 7 3 7 9	07/01/86	Kihn et al.			
	4 6 8 5 4 5 9	08/11/87	Koch et al.			
	4 8 8 7 6 1 2	12/19/89	Esser et al.			
	4 9 3 8 7 6 1	07/03/90	Ensslin			
	5 0 2 6 3 7 0	06/25/91	Lottick			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

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DATE CONSIDERED

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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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ATTY. DOCKET NO.

203-2413 (2089)

SERIAL NO.

08/925,805

APPLICANT

Thomas Patrick Ryan

FILING DATE

September 9, 1997

GROUP

Art Unit

U.S. PATENT DOCUMENT

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ey	5 1 1 6 3 3 2	05/26/92	Lottick			
	5 1 5 1 1 0 2	09/29/92	Kamiyama et al.			
	5 2 1 7 4 5 8	06/08/93	Parins			
	5 2 5 8 0 0 6	11/02/93	Rydell et al.			
	5 2 7 7 2 0 1	01/11/94	Stern			
	5 3 2 4 2 8 9	06/28/94	Eggers			
	5 3 3 0 4 7 1	07/19/94	Eggers			
	5 3 5 2 2 2 2	10/04/94	Rydell			
	5 3 8 9 1 0 4	02/14/95	Hahnen et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

203-2413 (2089)

SERIAL NO.

08/925,805

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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APPLICANT

Thomas Patrick Ryan

FILING DATE

September 9, 1997

GROUP

Art Unit

U.S. PATENT DOCUMENT

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EW	5 3 9 1 1 6 6	02/21/95	Eggers			
	5 4 0 3 3 1 2	04/04/95	Yates et al.			
	5 4 3 1 6 7 4	07/11/95	Basile et al.			
	5 4 4 3 4 6 3	08/22/95	Stern et al.			
	5 4 5 6 6 8 4	10/10/95	Schmidt et al.			
	5 4 7 8 3 5 1	12/26/95	Meade et al.			
	5 5 0 9 9 2 2	04/23/96	Aranyi et al.			
	5 5 2 7 3 1 3	06/18/96	Scott et al.			
	5 5 3 1 7 4 4	07/02/96	Nardella et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Dewson

DATE CONSIDERED

7.11.09

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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

203-2413 (2089)

SERIAL NO.

08/925,805

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Thomas Patrick Ryan

FILING DATE

September 9, 1997

GROUP

Art Unit

U.S. PATENT DOCUMENT

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
(07)	5 5 4 0 6 8 4	07/30/96	Hassler, Jr.			
	5 5 5 8 6 7 2	09/24/96	Edwards et al.			
	5 5 6 9 2 4 1	10/29/96	Edwards			
	5 5 7 3 5 3 5	11/12/96	Viklund			
	5 6 3 7 1 1 0	06/10/97	Pennybacker et al.			
	5 6 5 8 2 8 1	08/19/97	Heard			
	5 6 6 7 5 2 6	09/16/97	Levin			
	5 6 7 4 2 2 0	10/07/97	Fox et al.			
	5 7 0 2 3 9 0	12/30/97	Austin et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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DATE CONSIDERED

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PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

203-2413 (2089)

SERIAL NO.

08/925,805

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Thomas Patrick Ryan

FILING DATE

September 9, 1997

GROUP

Art Unit

U.S. PATENT DOCUMENT

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Qh	5 7 6 6 1 6 6	06/16/98	Hooven	/	/	
1	5 7 6 9 8 4 9	06/23/98	Eggers	/	/	
	5 7 7 6 1 2 8	07/07/98	Eggers			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Dawson

DATE CONSIDERED

7.11.04

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Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)
2089 CON (203-2413 CON)

Application Number
09/591,328

Applicant
Thomas Patrick Ryan

Filing Date
June 9, 2000

Group Art Number

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
6/4	3,643,663	2/22/72	SUTTER			
10/10	5,951,549	9/14/99	RICHARDSON ET AL.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
6/4	EP 0 584 787 A1	3/2/94	EPO				
6/4	EP 0 853 922 A1	7/22/98	EPO				

OTHER DOCUMENTS

	International Search Report PCT/US99/24869

Examiner

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Date Considered

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